

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6710739").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/20 08:44
L2	29	("20010020216"   "20020012411"   "20020015456"   "20020039082"   "20020109628"   "20020118133"   "5184304"   "5410750"   "5543804"   "5592178"   "5712641"   "5740048"   "5808582"   "5822429"   "5872540"   "5936571"   "5955987"   "5999126"   "6067333"   "6114988"   "6175327"   "6219390"   "6311127"   "6347113"   "6377892"   "6417802"   "6448925"   "6480151"   "6486828").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/20 08:46
L3	10	2 and rotat\$4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/20 08:47
L4	0	2 and (rotat\$4 same jam\$4)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/20 08:46
L5	7	2 and rotat\$4 and jam\$4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/20 08:47
L6	3	2 and rotat\$4 and jam\$4 and replica	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/20 08:47
S1	2	("6282231").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/12 09:42
S2	6	((("6448925") or ("6577271") or ("6606349")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 15:07

## EAST Search History

S3	19	"562749"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/11 14:51
S4	0	S3 and despread	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/11 14:52
S5	1	S3 and telephone\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/11 14:52
S6	1	demodulat\$4 same cross\$1correlator\$4 same signal processor same tracker same signal canceller\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 09:45
S7	1	demodulat\$4 same cross\$1correlator\$4 same signal canceller\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 09:46
S8	33	remov\$4 same demodulat\$4 same weak signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 09:48
S9	11	(interferenc\$4 or jam\$4) same remov\$4 same demodulat\$4 same weak signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 09:55
S10	1090	(375/148).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/12 09:56

## EAST Search History

S11	0	S10 and (remov\$4 or detect\$4) same (interference or jam\$4) same demodulat\$4 same weak signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 09:58
S12	6	S10 and (remov\$4 or detect\$4) same (interference or jam\$4) same demodulat\$4 same weak	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 10:02
S13	514	S10 and (remov\$4 or detect\$4) same (interference or jam\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 10:03
S14	20	S13 and carrier wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 10:04
S15	19	("20020111187"   "20020141516"   "20030050085"   "20030211862"   "5594718"   "5602836"   "5640686"   "5649308"   "5724385"   "5768254"   "5867537"   "5978679"   "6049577"   "6141373"   "6154486"   "6373881"   "6628960"   "6690949"   "6697438").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/12 10:19
S16	6	("6373881").URPN.	USPAT	ADJ	OFF	2006/12/12 10:34
S17	1	crosscorrelat\$4 same carrier same (jam\$4 or interferenc\$4) same remov\$4	USPAT	ADJ	OFF	2006/12/12 10:40
S18	30	(remov\$4 or cancell\$4) same (interferen\$4 or jam\$4) same carrier wave	USPAT	ADJ	OFF	2006/12/12 10:41
S19	21	cross\$1correlat\$4 same track\$4 same (cancell\$4 or eliminat\$4 or remov\$4) same (interference or jam\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 12:14

## EAST Search History

S20	1	"689565" and carrier wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 13:35
S21	1	"689565" and "1024"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 13:46
S22	2	("6282231").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/12 13:46

# EAST Search History

S23	168	("4203071"   "4592076"   "4675880"   "4691348"   "4701934"   "4754465"   "4758959"   "4796191"   "4807256"   "4847862"   "4890233"   "4894662"   "4910526"   "4922212"   "4928106"   "4965586"   "4970523"   "5043736"   "5045770"   "5075694"   "5089822"   "5099493"   "5101416"   "5107227"   "5108334"   "5109344"   "5111150"   "5119101"   "5134407"   "5144318"   "5146471"   "5148179"   "5150377"   "5153583"   "5157697"   "5165109"   "5173715"   "5175744"   "5187450"   "5192957"   "5196743"   "5202694"   "5202829"   "5210540"   "5219067"   "5223844"   "5225842"   "5239669"   "5247469"   "5263053"   "5265025"   "5266948"   "5268064"   "5268695"   "5272485"   "5282228"   "5293170"   "5296861"   "5306971"   "5309482"   "5311149"   "5311197"   "5313069"   "5313457"   "5313490"   "5319374"   "5321799"   "5323152"   "5323322"   "5329549"   "5334974"   "5337243"   "5345244"   "5347284"   "5347536"   "5347546"   "5349530"   "5353348"   "5355140"   "5365192"   "5365451"   "5365516"   "5367463"   "5375059"   "5383127"   "5390124"   "5390207"   "5402347"   "5402450"   "5406491"   "5408193"   "5412660"   "5412687"   "5414729"   "5416712"   "5418537"   "5420593"   "5422813"   "5422814"   "5422816"   "5422917"   "5424953"   "5430654"   "5432803"   "5432841"   "5432859"   "5436632"   "5448773"   "5450344"   "5450448"   "5452211"   "5465413"   "5467095"   "5469360"   "5471218"   "5471518"   "5479351"   "5485154"   "5485161"   "5485163"   "5486834"   "5490076"   "5493588"   "5493694"   "5495257") .PN. OR ("5495499"   "5504491"   "5537121"   "5537323"   "5541592"   "5541845"   "5552990"   "5572218"   "5583513"   "5604503"   "5604732"   "5610815"   "5612972"   "5619212"   "5640416"   "5675608"   "5689252"   "5724384"   "5729371"   "5742922"   "5781152"   "5790540"   "5792818"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/12 13:59
12/20/2006 10:35:08 AM		C:\Documents and Settings\jill\My Documents\EAST\Workspaces\10689565.wsp				Page 5

## EAST Search History

S24	2	("6680695").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/12 14:01
S25	2683	(375/285,148,349).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/12 14:02
S26	144	S25 and carrier wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 14:29
S27	13	anti\$1jam\$4 same gps same spread spectrum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 14:38
S28	0	(342/357).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/12 14:38
S29	1007	(342/357.12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/12 14:39
S30	25	S29 and (weak and strong) signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 16:20
S31	98	demodulat\$4 with (first and second) signal with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 16:24

## EAST Search History

S32	1	demodulat\$4 with (first and second) signal with track\$4 channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 16:22
S33	1	S21 and spread spectrum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 16:23
S34	34	S31 and spectrum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 17:42
S35	3	S31 and tran	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 17:43
S36	0	S31 and tran adj khanh.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 17:43
S37	139	tran adj khanh.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 17:44
S38	26	S37 and spread spectrum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 17:46
S39	0	S37 and (weak and strong) signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 17:46

## EAST Search History

S40	1	S37 and weak signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/12 17:46
S41	107	( "20020064209"   "4426712"   "4445118"   "4463357"   "4578678"   "4667203"   "4701934"   "4754465"   "4785463"   "4809005"   "4821294"   "4890233"   "4894662"   "4998111"   "5014066"   "5036329"   "5043736"   "5108334"   "5202829"   "5225842"   "5257195"   "5293170"   "5311195"   "5323164"   "5343209"   "5345244"   "5347284"   "5347536"   "5379224"   "5402347"   "5402441"   "5416712"   "5420593"   "5440313"   "5450344"   "5504684"   "5535278"   "5592173"   "5625668"   "5663734"   "5663735"   "5781156"   "5786789"   "5812087"   "5825327"   "5828694"   "5831574"   "5841396"   "5845203"   "5854605"   "5874914"   "5877724"   "5877725"   "5883594"   "5884214"   "5889474"   "5903654"   "5907578"   "5907809"   "5917444"   "5920283"   "5923703"   "5926131"   "5936572"   "5943363"   "5945944"   "5963582"   "5966403"   "5977909"   "5982324"   "5987016"   "5999124"   "6002362"   "6002363"   "6009551"   "6016119"   "6040798"   "6041222"   "6047017"   "6052081"   "6061018"   "6064336"   "6104338"   "6104340"   "6107960"   "6111540"   "6131067"   "6133871"   "6133873"   "6133874"   "6150980"   "6178195"   "6236354"   "6295024"   "6313786"   "6327473"   "6332086"   "6414987"   "6466161"   "6466612"   "6529829"   "6633255"   "6650694"   "6680695"   "6707423"   "6873288"   "6901260").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/12 17:48



## EAST Search History

S42	1	"689565" and carrier wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 10:04
S43	20	"689565"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 11:48
S44	1	generat\$4 with (replica or repeat\$4 or duplicat\$4) carrier wave jamming signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 15:10
S45	1421	generat\$4 with (replica or repeat\$4 or duplicat\$4) signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 11:50
S46	2	generat\$4 with (replica or repeat\$4 or duplicat\$4) signal with match with phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 11:50
S47	0	wo9727671	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 15:10
S48	3	"9727671"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 16:14
S49	0	"6282231" and "1024"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 16:14

## EAST Search History

S50	6	"6282231" and "1023"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 17:48
S51	1	S42 and position	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 16:20
S52	10	"689565" and position	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 16:21
S53	1	"689565" and "1024"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 16:22
S59	1	"6282231" and prn with one\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 17:24
S60	814	prn with one\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 17:31
S61	73	prn with one\$1 with (cross\$1correlator\$1 or match\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 17:51
S62	13	"6282231" and (position or phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 17:41

## EAST Search History

S63	5	"6282231" and "1023" with (cross\$1correlat\$4 or match\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 17:50
S64	6	"6282231" and "1023" same (cross\$1correlat\$4 or match\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 17:51
S65	5	(cross\$1correlator\$1 or match\$4) with "1024" bit wide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 17:53
S67	5	((cross near correlator\$1) or match\$4) with "1024" bit wide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 17:53
S68	8	((cross near correlator\$1) or match\$4) with "1024" bit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 17:55
S69	36	((cross near correlator\$1) or match\$4) same "1024" bit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/13 17:58
S70	2	("6338878").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 08:14
S71	2	("6337878").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 08:17

## EAST Search History

S72	2	("6418164").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/14 11:18
S73	12475	generat\$4 same (replic\$4 or repeat) with signal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 11:24
S74	1	generat\$4 same (replic\$4 or repeat) with carrier wave jamm\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 11:25
S75	47	generat\$4 same (replic\$4 or repeat) with jamm\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/14 11:25
S76	2	("6282231").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/15 18:50
S77	2	("5955987").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/19 16:02
S78	0	S77 and rotat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/19 16:02
S79	0	S77 and (rotat\$4 or adjust\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/19 16:03

## EAST Search History

S80	1	S77 and phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/19 16:08
S81	2	("6710739").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/19 16:16
S82	1	S81 and (rotat\$4 or chang\$4 or steer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/12/19 16:08
S83	29	("20010020216"   "20020012411"   "20020015456"   "20020039082"   "20020109628"   "20020118133"   "5184304"   "5410750"   "5543804"   "5592178"   "5712641"   "5740048"   "5808582"   "5822429"   "5872540"   "5936571"   "5955987"   "5999126"   "6067333"   "6114988"   "6175327"   "6219390"   "6311127"   "6347113"   "6377892"   "6417802"   "6448925"   "6480151"   "6486828").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/19 16:18
S84	10	S83 and rotat\$4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/19 16:19
S85	7	S84 and jam\$4	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/19 16:22
S86	0	S83 and (rotat\$4 same jam\$4)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/12/19 16:23